

FORM PTO-1390  
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

METSO-22

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

**10/507240**

INTERNATIONAL APPLICATION NO.

PCT/FI03/00183

INTERNATIONAL FILING DATE

11 March 2003

PRIORITY DATE CLAIMED

14 March 2002

TITLE OF INVENTION

A Grounding Electrode and a Method in Which it is Utilized

APPLICANT(S) FOR DO/EO/US

PUTKISTO, Kaisa; MAIJALA, Juha; KÄSMÄ, Veli

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

Marked Up Copy of Substitute Specification

The United States Patent And Trademark Office

Applicant: Kaisa Putkisto et al.

Date: September 9, 2004

Date Filed: Simultaneously herewith

Docket No.: METSO-22

PCT App. No.: PCT/FI03/00183

10/507240

For: A Grounding Electrode and a Method in Which it is Utilized

**EXPRESS MAIL LETTER**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

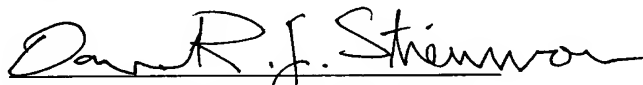
Dear Sir:

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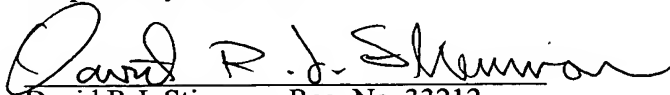
- Response postcard
- Check in the amount of \$920.00
- PTO-1390 Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2 pp)(2 copies)
- PCT Cover Sheet (2 pp) and Copy of International Application (specification and claims 5 pages; 1 sheet of drawings)
- Preliminary Amendment (7 pp)
- Submission of Substitute Specification under 37 C.F.R. § 1.125 (1 p)
- Clean Copy of Substitute Specification under 37 C.F.R. 1.125(c) (9 pp)
- Marked Up Copy of Substitute Specification under 37 C.F.R. 1.125(b)(2) (9 pp)
- Information Disclosure Statement (2 pp)
- PTO/SB/08A & PTO/SB/08B with 10 attached documents

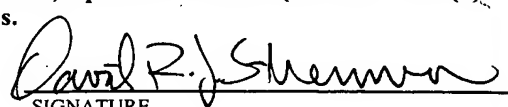
are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 35 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

  
David R.J. Stiennon, Reg. No. 33212

Enclosed for filing please find the above-referenced documents. Please indicate receipt by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,

  
David R.J. Stiennon, Reg. No. 33212  
Attorney for Applicant, Stiennon & Stiennon;  
Suite 201, P.O. Box 1667  
Madison, Wisconsin 53701-1667  
(608) 250-4810

U.S. APPLICATION NO. <b>10/507240</b> INTERNATIONAL APPLICATION NO. <b>PCT/FI03/00183</b>		ATTORNEY'S DOCKET NUMBER <b>METSO-22</b>	
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>CALCULATIONS PTO USE ONLY</b>          <div style="display: flex; justify-content: space-between;"> <span><b>\$920.00</b></span> <span></span> </div>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	19-20 =	0	x <b>\$18.00</b>
Independent claims	3-3 =	0	x <b>\$86.00</b>
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ <b>\$290.00</b>	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$920.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$	
<b>SUBTOTAL =</b>		\$	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$	
<b>TOTAL NATIONAL FEE =</b>		\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +		\$	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 920.00</b>	
		Amount to be refunded:	\$
		charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>920.00</u> to cover the above fees is enclosed.  b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-2663</u> . A duplicate copy of this sheet is enclosed.  d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card</b> <b>information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.			
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a)          or (b)) must be filed and granted to restore the application to pending status.</b>			
SEND ALL CORRESPONDENCE TO: David R.J. Stiennon Stiennon & Stiennon P.O. Box 1667 Madison, WI 53701-1667 USA		 SIGNATURE  David R.J. Stiennon NAME  <u>33212</u> REGISTRATION NUMBER	

10/507240

U109 Rec'd PCT/PTO 09 SEP 2004

In The United States Patent And Trademark Office

Applicant: Kaisa Putkisto et al.

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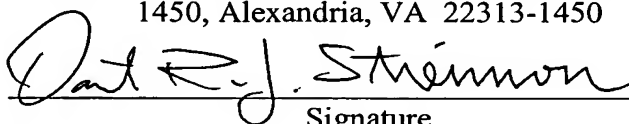
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1450, Alexandria, VA 22313-1450



Signature

David R.J. Stiennon, Reg. No. 33212

Name of applicant, assignee or Registered Representative

**Submission of Substitute Specification Under 37 C.F.R. § 1.125**

Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

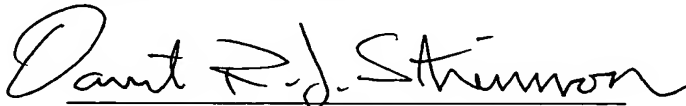
Dear Sir:

A substitute specification, excluding the claims, is filed herewith under the provisions of 37 C.F.R. § 1.125(b).

1. The substitute specification contains no new matter.
2. A marked-up copy of the substitute specification showing the matter being added to and the matter being deleted from the specification of record accompanies this paper. The matter being added is underlined and bold, and the matter being deleted is shown struck out, enclosed in brackets and bold.
3. The substitute specification is submitted in clean form without markings as to amended material.

Applicant requests that the accompanying substitute specification be entered in the application record.

Respectfully submitted,



David R.J. Stiennon, Reg. No. 33212

Attorney for Applicant

Stiennon & Stiennon

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